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13 MAR 1984

Gary *Signer*  
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 Art: Route - Cy  
 Cys to: A DDA  
 Forward Toss  
 File: *New Bldg Safety Requirements*

MEMORANDUM FOR: Chief, Management Staff, DDS&amp;T

VIA: Director of Logistics

25X1 FROM:   
 Chief, New Building Project Office, OL

25X1 SUBJECT: Halon Fire Protection 

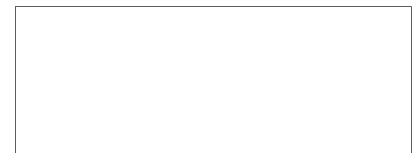
25X1 REFERENCE: Memo for C/NBPO/OL fm C/MS/DDS&T, dtd 27 Feb 84,  
 Subj: Costs Associated with Relocation of DDS&T  
 Components to Headquarters Addition

25X1 1. As you noted in the reference memorandum, the New Building Project  
 25X1 Office (NBPO) and the Planning, Resources and Administrative Staffs of the  
 Directorate of Science and Technology (DS&T) have been working closely to  
 identify and determine budget responsibility for the costs associated with the  
 preparation of space in the New Headquarters Building. As part of that  
 exercise, the Office of SIGINT Operations (OSO) requested that the NBPO fund  
 the installation of Halon fire suppression systems for the Signal Analysis  
 Division, Processing Support Division,  The reference  
 reiterates this request.

2. It is our understanding that OSO wishes to have Halon installed in  
 lieu of a conventional wet sprinkler system as a means of avoiding equipment  
 damage in the event of a sprinkler system discharge. After careful  
 consideration, which included discussions with the General Services  
 Administration, discussions with and a briefing by the New Building  
 architectural and engineering firm, and contact with the Agency's Safety Staff,  
 it has been determined that Halon fire suppression systems will not be included  
 in the design of the New Building. This decision was reached for the following  
 reasons: (1) the fire code dictates that the entirety of the New Building will  
 be protected by a sprinkler system; (2) a Halon event would trigger the New  
 Building's smoke alarm system's ventilation feature, thereby reducing the  
 effectiveness of a Halon system; and (3) it has been determined that the  
 potential for a major sprinkler system discharge as a result of a damaged head  
 or system malfunction is insignificant. In support of this last point, we

OL 2029-84

25X1 Warning Notice  
 Intelligence Sources  
 or Methods Involved



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25X1 will, if you wish, provide you with a copy of the publication Automatic Sprinkler system Performance and Reliability in U.S. Department of Energy Facilities 1952 - 1980. [redacted]

25X1 3. The remaining costs associated with the move of special purpose/non-standard equipment and facilities for all DS&T offices will be borne by the NBPO. Your understanding and cooperation in this matter is appreciated. [redacted]

25X1 [redacted]  
25X1 OL/NBPO/[redacted] (13 Mar 84)

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